840 Request for Quotation

Functional Group ID=$\mathbf{RQ}$

Introduction:

This specification provides the format and establishes the data contents of a request for quotation transaction set. The request for quotation transaction set provides potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Notes:

This transaction set table represents the specifications for DOD system APADE and not the X12 2003 standard.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQT	Beginning Segment for Request For Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	SSS	Special Services	O	25		
Not Used	100	CSH	Header Sale Condition	O	1		
Not Used	110	ITA	Allowance, Charge or Service	O	10		
Not Used	120	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	130	DIS	Discount Detail	O	20		
	140	DTM	Date/Time Reference	O	10		
	150	LDT	Lead Time	O	12		
Not Used	160	SHH	General Schedule	O	5		
Not Used	170	PRN	Product ID Numbers	O	5		
Not Used	180	PID	Product/Item Description	O	1000		
Not Used	190	MEA	Measurements	O	40		
Not Used	200	PWK	Paperwork	O	25		
Not Used	210	PKG	Marking, Packaging, Loading	O	25		
Not Used	220	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	230	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	240	TD3	Carrier Details (Equipment)	O	12		
Not Used	250	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	260	MAN	Marks and Numbers	O	10		

			LOOP ID - N9			1000
	265	N9	Reference Number	O	1	
	267	MSG	Message Text	O	1000	
			LOOP ID - N1			200
	270	N1	Name	O	1	
	280	N2	Additional Name Information	O	2	
	290	N3	Address Information	O	2	
	300	N4	Geographic Location	O	1	
Not Used	310	REF	Reference Numbers	O	12	
Not Used	320	PER	Administrative Communications Contact	O	3	
Not Used	330	FOB	F.O.B. Related Instructions	O	1	
Not Used	340	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	350	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	360	TD3	Carrier Details (Equipment)	O	12	
Not Used	370	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	380	PKG	Marking, Packaging, Loading	O	25	
			LOOP ID - PO1			100000
Must Use	390	PO1	Purchase Order Baseline Item Data	M	1	
Not Used	400	CUR	Currency	O	1	
	410	PO3	Additional Item Detail	O	25	
	415	NTE	Note/Special Instruction	F	100	
	420	PID	Product/Item Description	O	1000	
	430	MEA	Measurements	O	40	
Not Used	440	PWK	Paperwork	O	25	
	450	PKG	Marking, Packaging, Loading	O	25	
Not Used	460	PO4	Item Physical Details	O	1	
Not Used	470	REF	Reference Numbers	O	12	
Not Used	480	PER	Administrative Communications Contact	O	3	
Not Used	490	SSS	Special Services	O	25	
Not Used	500	ITA	Allowance, Charge or Service	O	10	
Not Used	510	IT8	Conditions of Sale	O	1	
Not Used	520	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	530	DIS	Discount Detail	O	20	
Not Used	540	TAX	Tax Reference	O	3	
	550	FOB	F.O.B. Related Instructions	O	1	
Not Used	560	SDQ	Destination Quantity	O	50	
	570	DTM	Date/Time Reference	O	10	
	580	LDT	Lead Time	O	12	
Not Used	590	SCH	Line Item Schedule	O	104	
Not Used	600	TD1	Carrier Details (Quantity and Weight)	O	1	
	610	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	620	TD3	Carrier Details (Equipment)	O	12	
Not Used	630	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	640	MAN	Marks and Numbers	O	10	

	645	NTE	Note/Special Instruction	F	100	
			LOOP ID - SLN			1000
Not Used	650	SLN	Subline Item Detail	O	1	
Not Used	660	PID	Product/Item Description	O	1000	
			LOOP ID - N9			1000
	665	N9	Reference Number	O	1	
	667	MSG	Message Text	O	1000	
			LOOP ID - N1			200
	670	N1	Name	O	1	
	680	N2	Additional Name Information	O	2	
	690	N3	Address Information	O	2	
	700	N4	Geographic Location	O	1	
Not Used	710	REF	Reference Numbers	O	12	
Not Used	720	PER	Administrative Communications Contact	O	3	
Not Used	730	FOB	F.O.B. Related Instructions	O	1	
Not Used	740	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	750	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	760	TD3	Carrier Details (Equipment)	O	12	
Not Used	770	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	780	PKG	Marking, Packaging, Loading	O	25	
Must Use	790	CTT	Transaction Totals	M	1	
Must Use	800	SE	Transaction Set Trailer	M	1	

	Segment:	**ST** **Transaction Set Header**
	Position:	010
	Loop:	
	Level:	
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	
	Comments:	**1** The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			840 X12.7 Request for Quotation	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a Transaction Set. Also see: Data Interchange Control Number (28.)	

	Segment:	**BQT** Beginning Segment for Request For Quotation
	Position:	020
	Loop:	
	Level:	
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates
	Syntax Notes:	**1** If BQT05 is present, then BQT04 is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQT01	353	Transaction Set Purpose Code	M	ID 2/2

Code identifying purpose of transaction set

00	Original	

Entered when the solicitation is new.

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQT02	586	Request for Quote Reference Number	M	AN 1/45

Number assigned by the purchaser to identify his request for quote

Solicitation PIIN Number when BQT01 is 00.

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQT03	652	Request Quotation Control Date	M	DT 6/6

Date to be used for reference purposes in an RFQ and a response to RFQ.

Solicitation Issue Date

	Ref. Des.	Data Element	Name		Attributes
	BQT04	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

Date that the response must be received by the buyer.

106	Required By	

	Ref. Des.	Data Element	Name		Attributes
	BQT05	373	Date	O	DT 6/6

Date (YYMMDD)

Solicitation Closing Date

	Ref. Des.	Data Element	Name		Attributes
Not Used	BQT06	92	Purchase Order Type Code	O	ID 2/2

Code specifying the type of Purchase Order

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQT07	960	Request for Quote Type Code	O	ID 2/2

Code specifying the type of request for quote

01	Request For Quote	

Segment:	**NTE** Note/Special Instruction	
Position:	030	
Loop:		
Level:		
Usage:	Floating	
Max Use:	100	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Syntax Notes:		
Semantic Notes:		
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	NTE01	**363**	**Note Reference Code**	**O ID 3/3**

Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).

GEN	Entire Transaction Set	
	Use when SLCTATN-SPCL-PRVSN-IN is Y.	
QUT	Quotation Instruction	
	Use when SLCTATN-SET-ASIDE-CD is 1.	

	Ref. Des.	Data Element	Name	Attributes
Must Use	**NTE02**	**3**	**Free Form Message**	**M AN 1/60**

Free-form text

For QUT enter the literal "SMALL BUSINESS SMALL PURCHASE SET-ASIDE".

For GEN enter the actual Special Provisions Information. Repeat this segment until all text has been formatted.

Segment:	**REF** Reference Numbers	
Position:	050	
Loop:		
Level:		
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying numbers.	
Syntax Notes:	**1** At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier**	**M**	**ID 2/2**

Code qualifying the Reference Number.

DS	Defense Priorities Allocation System (DPAS) Priority Rating	
RQ	Purchase Requisition No.	

	Ref. Des.	Data Element	Name		Attributes
	REF02	**127**	**Reference Number**	**C**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).

When REF01 is "RQ" enter the PR NR. When REF01 is "DS" enter DMS Rating.

	Ref. Des.	Data Element	Name		Attributes
	REF03	**352**	**Description**	**C**	**AN 1/80**

A free-form description to clarify the related data elements and their content

	Segment:	**PER** Administrative Communications Contact
	Position:	060
	Loop:	
	Level:	
	Usage:	Optional
	Max Use:	3
	Purpose:	To identify a person or office to whom administrative communications should be directed
	Syntax Notes:	1 If PER03 is present, then PER04 is required.
	Semantic Notes:	
	Comments:	1 This segment is used to specify who is to be contacted on various conditions related to the transaction. The term "Communication" in the title and purpose relates to interpersonal communications, not network or telecommunications contacts.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			BD Buyer Name or Department		
Must Use	PER02	93	**Name**	**O**	**AN 1/35**
			Free-form name		
			Enter Buyer Name from Employee Record.		
Must Use	PER03	365	**Communication Number Qualifier**	**O**	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	**Communication Number**	**C**	**AN 7/21**
			Complete communications number including country or area code when applicable. Also see: Communications Number Qualifier (365).		
			Enter number that applies to the Qualifier in PER03.		
Not Used	PER05	326	**Request Reference Number**	**O**	**AN 1/45**
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		

Segment:	**FOB** F.O.B. Related Instructions
Position:	080
Loop:	
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
Semantic Notes:	
Comments:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying title passage location.
Notes:	*For FOB to be included at the header level of the EDI transaction, all the CLIN level FOB codes must be equal and all Accept At codes must be equal. If this is not true, enter the FOB at the detail level.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID 2/2

Code identifying payment terms for transportation charges

PP	Prepaid (by Seller)

PP if FOB equals D, E, F, G, H, I, J, K, L, M, or N.

ZZ	Mutually Defined

ZZ if FOB equals P, Q, R, S, or T: ZZ agreed to mean "Paid by Buyer".

	FOB02	309	**Location Qualifier**	C	ID 1/2

Code identifying type of Location Identifier (310) used.

DE	Destination (Shipping)

DE if FOB equals D, E, F, G, H, I, J, K, L, M, or N

OR	Origin (Shipping Point)

OR if FOB equals P, Q, R, S, or T

	FOB03	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Not Used if FOB equals D or S; otherwise contains the literal meaning of the FOB code.

Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2

Code identifying the source of the transportation terms

Not Used   **FOB05**   **335**   **Transportation Terms Code**   **C**   **ID 3/6**

Code identifying the trade terms which apply to the shipment
transportation responsibility. Six digit codes represent INCOTERMS.

               FOB06   **309**   **Location Qualifier**   **C**   **ID 1/2**

Code identifying type of Location Identifier (310) used.

        DE   Destination (Shipping)

DE if Accept At code is D

        OR   Origin (Shipping Point)

OR if Accept At code is S

Not Used   **FOB07**   **352**   **Description**   **O**   **AN 1/80**

A free-form description to clarify the related data elements and their
content

Segment:	**DTM** Date/Time Reference	
Position:	140	
Loop:		
Level:		
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 or DTM03 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			Always 073		
			073 Scheduled for Delivery (Prior to and Including)		
	DTM02	373	Date	C	DT 6/6
			Date (YYMMDD)		
			Enter the Delivery Date		
Not Used	DTM03	337	Time	C	TM 4/4
			Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).		
Not Used	DTM04	623	Time Code	O	ID 2/2
			Code qualifying the time zone.		

Segment:	**LDT** Lead Time
Position:	150
Loop:	
Level:	
Usage:	Optional
Max Use:	12
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	
Comments:	1 LDT04 is the effective date of lead time information.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	LDT01	345	**Lead Time Code**	M	ID 2/2
			Code indicating the time range		
			Always AF		
			AF From date of PO receipt to delivery		
Must Use	LDT02	380	**Quantity**	M	R 1/10
			Numeric value of Quantity. Also see: Unit of Measurement Code (355).		
			Number of Days ADO		
Must Use	LDT03	344	**Unit of Time Period or Interval**	M	ID 2/2
			Code indicating the time period or interval		
			Always DA		
			DA Calendar Days		
Not Used	LDT04	373	**Date**	O	DT 6/6
			Date (YYMMDD)		

Segment:	**N9** Reference Number	
Position:	265	
Loop:	N9 Optional	
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required.	
Semantic Notes:		
Comments:		
Notes:	*This loop handles clauses and section text. Only the fill-in portion of the clause will be transmitted.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

CJ	Clause Number	
	CJ if clause is FIRMR, Local or NARSUP clause (CLAUSE-SRCE-CODE equals E, F, or D)	
DF	Defense Federal Acquisition Regulations (DFAR)	
	DF if clause is a DFAR clause (CLAUSE-SRCE -CODE equals B)	
FA	Federal Acquisition Regulations (FAR)	
	FA if clause is a FAR clause (CLAUSE-SRCE -CODE equals A)	
ME	Message Address or ID	
	ME for section text	

	N902	127	**Reference Number**	C AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).

Regulation clause number if N901 equals CJ, DF, or FA; not used if N901 equals ME

	N903	369	**Free-form Description**	C AN 1/45

Free-form descriptive text

If N901 = CJ then N903 contains the literal "FIRMR", "LOCAL", or "NARSUP". If N901 = ME then N903 contains the literal "Section _ Text".

	N904	373	**Date**	O DT 6/6

Date (YYMMDD)

			Clause Date in YYMMDD format, DD will always be "01"		
Not Used	**N905**	**337**	**Time**	**O**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Segment:	**MSG** Message Text		
Position:	267		
Loop:	N9	Optional	
Level:			
Usage:	Optional		
Max Use:	1000		
Purpose:	To provide a free form format that would allow the transmission of text information.		
Syntax Notes:			
Semantic Notes:			
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.		
Notes:	*If the data referenced in N9 is section text then this segment contains the free text. If the data referenced in N9 is a clause then this segment contains the clause title. If the clause is a fill-in clause (CLAUSE-TEXT-TY-CODE = 1,2,3,4,5,6) then this segment also contains the fill-in text numbered in order of occurrence. Fill-in text is indicated by backslashes "\ \".*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
Not Used	MSG03	363	**Note Reference Code**	O ID 3/3
			Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).	

Segment:	**N1** Name	
Position:	270	
Loop:	N1 Optional	
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	**1**	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	**1**	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/2**
			Code identifying an organizational entity or a physical location.		
			BY	Buying Party (Purchaser)	
				Issued By value is equal to the EMPLOYEE UIC	
			ST	Ship To	
				Ship To site is entered here if it is the same on each CLIN	
	N102	**93**	**Name**	**C**	**AN 1/35**
			Free-form name		
			Name of entity identified in N101		
	N103	**66**	**Identification Code Qualifier**	**C**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Identifies the code in N104		
			1	Dun and Bradstreet (Credit Reporting) (DUNS)	
			10	Department of Defense Activity Address Code (DODAAC)	
			92	Assigned by Buyer	
				92 is defined to mean CAGE	
	N104	**67**	**Identification Code**	**C**	**ID 2/17**
			Code identifying a party.		
			Code identified in N103		

Segment:	**N2** **Additional Name Information**	
Position:	280	
Loop:	N1	Optional
Level:		
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N201	93	Name	M	AN 1/35
			Free-form name		
			Second line of name for the entity identified in N1		
Not Used	N202	93	Name	O	AN 1/35
			Free-form name		

Segment:	**N3** Address Information
Position:	290
Loop:	N1 Optional
Level:	
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N301**	**166**	**Address Information**	**M AN 1/35**
			Free-form field for address information.	
			First line of the entity's address	
	N302	**166**	**Address Information**	**O AN 1/35**
			Free-form field for address information.	
			Second line of the entity's address	

Segment:	**N4** **Geographic Location**
Position:	300
Loop:	N1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 At least one of N401 or N405 is required.
	2 If N401 is present, then N402 is required.
	3 If either N405 or N406 is present, then the other is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*If the N401 is present, the N402 is required, unless the N401 is a foreign city, then it is not required.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**C**	**AN 2/19**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**C**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
		When N404 is not "US", enter "XX" here to prevent rejection by the translator process		
N403	**116**	**Postal Code**	**O**	**ID 5/9**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/2**
		Code identifying the country		
Not Used **N405**	**309**	**Location Qualifier**	**C**	**ID 1/2**
		Code identifying type of Location Identifier (310) used.		
Not Used **N406**	**310**	**Location Identifier**	**C**	**AN 1/25**
		Code which identifies a specific location		

Segment:	**PO1** Purchase Order Baseline Item Data
Position:	390
Loop:	PO1 Mandatory
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used purchase order line item data

Syntax Notes:		
	1	If PO105 is present, then PO104 is required.
	2	If PO106 is present, then PO107 is required.
	3	If PO108 is present, then PO109 is required.
	4	If PO110 is present, then PO111 is required.
	5	If PO112 is present, then PO113 is required.
	6	If PO114 is present, then PO115 is required.
	7	If PO116 is present, then PO117 is required.
	8	If PO118 is present, then PO119 is required.
	9	If PO120 is present, then PO121 is required.
	10	If PO122 is present, then PO123 is required.
	11	If PO124 is present, then PO125 is required.

Semantic Notes:

Comments:		
	1	See the Data Dictionary for a complete list of ID's.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PO101	**350**	**Assigned Identification**	**O**	**AN 1/6**
			Alphanumeric characters assigned for differentiation within a transaction set		
			CLIN, SUBCLIN or ADD-A-CLIN Number.		
Must Use	**PO102**	**330**	**Quantity Ordered**	**M**	**R 1/9**
			Quantity ordered		
Must Use	**PO103**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code identifying the basic unit of measurement.		
			Unit of Issue Code is converted to an X12 value by reading the EDI -UNIT-OF-IS-CD in the Unit of Issue file. If there is no X12 code in the file Then ZZ is entered here.		
			Refer to 002003 Data Element Dictionary for acceptable code values.		
Not Used	**PO104**	**212**	**Unit Price**	**C**	**R 1/14**
			Price per unit of product, service, commodity, etc.		
Not Used	**PO105**	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**
			Code identifying the type of unit price for an item		

PO106	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number

The Stock Number includes the COG, NSN and SMIC. If any of this data is entered it will be sent here.

MN	Model Number
PW	Part Drawing
SN	Serial Number
SZ	Vendor Alphanumeric Size Code (NRMA)
VP	Vendor's (Seller's) Part Number
VX	Vendor's Specification Number

PO107	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Enter data that corresponds to Code entered in PO106.

PO108	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number
MN	Model Number
PW	Part Drawing
SN	Serial Number
SZ	Vendor Alphanumeric Size Code (NRMA)
VP	Vendor's (Seller's) Part Number
VX	Vendor's Specification Number

PO109	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO110	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number
MN	Model Number

		PW	Part Drawing		
		SN	Serial Number		
		SZ	Vendor Alphanumeric Size Code (NRMA)		
		VP	Vendor's (Seller's) Part Number		
		VX	Vendor's Specification Number		

PO111	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO112	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	CG	Commodity Grouping
	CL	Color
	FS	Federal Stock Classification and/or National Stock Number
	MN	Model Number
	PW	Part Drawing
	SN	Serial Number
	SZ	Vendor Alphanumeric Size Code (NRMA)
	VP	Vendor's (Seller's) Part Number
	VX	Vendor's Specification Number

PO113	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO114	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	CG	Commodity Grouping
	CL	Color
	FS	Federal Stock Classification and/or National Stock Number
	MN	Model Number
	PW	Part Drawing
	SN	Serial Number
	SZ	Vendor Alphanumeric Size Code (NRMA)
	VP	Vendor's (Seller's) Part Number
	VX	Vendor's Specification Number

PO115	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO116	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	CG	Commodity Grouping
	CL	Color

		FS	Federal Stock Classification and/or National Stock Number
		MN	Model Number
		PW	Part Drawing
		SN	Serial Number
		SZ	Vendor Alphanumeric Size Code (NRMA)
		VP	Vendor's (Seller's) Part Number
		VX	Vendor's Specification Number

PO117   **234**   **Product/Service ID**   **C**   **AN 1/30**

Identifying number for a product or service

PO118   **235**   **Product/Service ID Qualifier**   **O**   **ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping
		CL	Color
		FS	Federal Stock Classification and/or National Stock Number
		MN	Model Number
		PW	Part Drawing
		SN	Serial Number
		SZ	Vendor Alphanumeric Size Code (NRMA)
		VP	Vendor's (Seller's) Part Number
		VX	Vendor's Specification Number

PO119   **234**   **Product/Service ID**   **C**   **AN 1/30**

Identifying number for a product or service

PO120   **235**   **Product/Service ID Qualifier**   **O**   **ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping
		CL	Color
		FS	Federal Stock Classification and/or National Stock Number
		MN	Model Number
		PW	Part Drawing
		SN	Serial Number
		SZ	Vendor Alphanumeric Size Code (NRMA)
		VP	Vendor's (Seller's) Part Number
		VX	Vendor's Specification Number

PO121   **234**   **Product/Service ID**   **C**   **AN 1/30**

Identifying number for a product or service

PO122   **235**   **Product/Service ID Qualifier**   **O**   **ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number
MN	Model Number
PW	Part Drawing
SN	Serial Number
SZ	Vendor Alphanumeric Size Code (NRMA)
VP	Vendor's (Seller's) Part Number
VX	Vendor's Specification Number

PO123	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO124	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number
MN	Model Number
PW	Part Drawing
SN	Serial Number
SZ	Vendor Alphanumeric Size Code (NRMA)
VP	Vendor's (Seller's) Part Number
VX	Vendor's Specification Number

PO125	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Segment:	**PO3** Additional Item Detail			
Position:	410			
Loop:	PO1	Mandatory		
Level:				
Usage:	Optional			
Max Use:	25			
Purpose:	To specify additional item-related data involving variations in normal price/quantity structure			
Syntax Notes:	1	If PO304 is present, then at least one of PO303 or PO305 is required.		
Semantic Notes:				
Comments:	1	Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).		
	2	PO307 defines the unit of measure for PO306.		
Notes:	*This segment is used to provide Stepladder Quantities.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PO301	371	**Change Reason Code**	M	ID 2/2
			Code specifying the reason for price or quantity change		
			QT Quantity Price Break		
Not Used	PO302	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
Not Used	PO303	236	**Price Qualifier**	C	ID 3/3
			Code identifying pricing specification		
Not Used	PO304	212	**Unit Price**	O	R 1/14
			Price per unit of product, service, commodity, etc.		
Not Used	PO305	639	**Basis of Unit Price Code**	C	ID 2/2
			Code identifying the type of unit price for an item		
Must Use	PO306	380	**Quantity**	M	R 1/10
			Numeric value of Quantity. Also see: Unit of Measurement Code (355).		
			Beginning Qty of range.		
Must Use	PO307	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code identifying the basic unit of measurement.		
			If valid enter here, if not, enter ZZ here		
			Refer to 002003 Data Element Dictionary for acceptable code values.		
Not Used	PO308	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:	**NTE** Note/Special Instruction	
Position:	415	
Loop:	PO1	Mandatory
Level:		
Usage:	Floating	
Max Use:	100	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Syntax Notes:		
Semantic Notes:		
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	NTE01	363	Note Reference Code	O	ID 3/3

Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).

	LIN	Line Item

Entered if the U/I code does not have an X12 equivalent in the Unit of Issue file.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	NTE02	3	Free Form Message	M	AN 1/60

Free-form text

This will contain the CLIN number and a literal of the Unit of Issue Code.

Segment:	**PID** Product/Item Description		
Position:	420		
Loop:	PO1	Mandatory	
Level:			
Usage:	Optional		
Max Use:	1000		
Purpose:	To describe a product or process in coded or free-form format		
Syntax Notes:	1	If PID03 is present, then PID04 is required.	
	2	At least one of PID04 or PID05 is required.	
Semantic Notes:			
Comments:	1	Use PID03 to indicate the organization that publishes the code list being referred to.	
	2	PID04 should be used for industry-specific product description codes.	
	3	Use PID06 when necessary to refer to the product surface or layer being described in the segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type**	M	**ID 1/1**
			Code indicating the format of a description		
			F Free-form		
Not Used	PID02	750	**Product/Process Characteristic Code**	O	**ID 2/3**
			Code specifying the product or process characteristic being described.		
Not Used	PID03	348	**Item Description Qualifier**	O	**ID 2/2**
			Code identifying agency responsible for the code used.		
Not Used	PID04	751	**Product Description Code**	C	**ID 1/12**
			A code from an industry code list which provides specific data about a product characteristic. Also see: Item Description Qualifier (348).		
	PID05	352	**Description**	C	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Nomenclature or ADD-A-CLIN Description		
Not Used	PID06	752	**Surface/Layer/Position Code**	O	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		

Segment:	**MEA** Measurements		
Position:	430		
Loop:	PO1	Mandatory	
Level:			
Usage:	Optional		
Max Use:	40		
Purpose:	To specify physical measurements, including dimension tolerances, weights and counts.		
Syntax Notes:			
Semantic Notes:			
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	MEA01	**737**	**Measurement Reference ID Code**	**O**	**ID 2/2**
			Code specifying the application of physical measurement cited.		
			SH	Shipping Tolerance	
			Enter "SH"		
	MEA02	**738**	**Measurement Qualifier**	**O**	**ID 1/3**
			Code identifying the type of measurement.		
			PO	Percent of Order (-, +)	
			Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)		
			Enter "PO"		
Not Used	**MEA03**	**739**	**Measurement Value**	**C**	**R 1/10**
			The value of the measurement		
	MEA04	**355**	**Unit or Basis for Measurement Code**	**C**	**ID 2/2**
			Code identifying the basic unit of measurement.		
			P1	Percent	
			Enter "P1"		
	MEA05	**740**	**Range Minimum**	**C**	**R 1/10**
			The value specifying the minimum of the measurement range		
			Qty Variance Under		
	MEA06	**741**	**Range Maximum**	**C**	**R 1/10**
			The value specifying the maximum of the measurement range		
			Qty Variance Over		
Not Used	**MEA07**	**935**	**Measurement Significance Code**	**O**	**ID 2/2**
			Code used to benchmark, qualify or further define a measurement value		

Not Used   **MEA08**   **936**   **Measurement Attribute Code**   **C**   **ID 2/2**

Code used to express an attribute response when a numeric measurement
value cannot be determined

Not Used   **MEA09**   **752**   **Surface/Layer/Position Code**   **O**   **ID 2/2**

Code indicating the product surface, layer or position that is being
described

	Segment:	**PKG** Marking, Packaging, Loading
	Position:	450
	Loop:	PO1 Mandatory
	Level:	
	Usage:	Optional
	Max Use:	25
	Purpose:	To describe marking, packaging, loading, and unloading requirements
	Syntax Notes:	1 If PKG03 is present, then PKG04 is required.
		2 At least one of PKG04 or PKG05 is required.
	Semantic Notes:	
	Comments:	1 Use MEA (Measurements) segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
		2 Use PKG03 to indicate the organization that publishes the code list being referred to.
		3 PKG04 should be used for industry-specific packaging description codes.
		4 Special marking or tagging data can be given in PKG05 (description).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PKG01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F Free-form		
Not Used	PKG02	753	**Packaging Characteristic Code**	O	ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described		
Not Used	PKG03	348	**Item Description Qualifier**	O	ID 2/2
			Code identifying agency responsible for the code used.		
Not Used	PKG04	754	**Packaging Description Code**	C	ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product. Also see: Item Description Qualifier (348).		
	PKG05	352	**Description**	C	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Packaging Line		

Segment:	**FOB** F.O.B. Related Instructions		
Position:	550		
Loop:	PO1	Mandatory	
Level:			
Usage:	Optional		
Max Use:	1		
Purpose:	To specify transportation instructions relating to shipment		
Syntax Notes:	1	If FOB03 is present, then FOB02 is required.	
	2	If FOB04 is present, then FOB05 is required.	
	3	If FOB07 is present, then FOB06 is required.	
Semantic Notes:			
Comments:	1	FOB01 indicates which party will pay the carrier.	
	2	FOB02 is the code specifying transportation responsibility location.	
	3	FOB06 is the code specifying title passage location.	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID 2/2

Code identifying payment terms for transportation charges

PP	Prepaid (by Seller)	

PP if FOB is D, E, F, G, H, I, J, K, L, M, or N

ZZ	Mutually Defined	

ZZ if FOB is P, Q, R, S, or T: ZZ is defined to mean "Paid by Buyer"

	Ref. Des.	Data Element	Name		Attributes
	FOB02	309	**Location Qualifier**	C	ID 1/2

Code identifying type of Location Identifier (310) used.

DE	Destination (Shipping)	

DE if FOB is D, E, F, G, H, I, J, K, L, M, or N

OR	Origin (Shipping Point)	

OR if FOB is P, Q, R, S, or T

	Ref. Des.	Data Element	Name		Attributes
	FOB03	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Not used if FOB equals D or S, otherwise contains literal meaning of the FOB code

	Ref. Des.	Data Element	Name		Attributes
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2

Code identifying the source of the transportation terms

	Ref. Des.	Data Element	Name		Attributes
Not Used	FOB05	335	**Transportation Terms Code**	C	ID 3/6

Code identifying the trade terms which apply to the shipment transportation responsibility. Six digit codes represent INCOTERMS.

	Ref. Des.	Data Element	Name		Attributes
	FOB06	309	**Location Qualifier**	C	ID 1/2

Code identifying type of Location Identifier (310) used.

DE	Destination (Shipping)

DE if Accept At is D

OR	Origin (Shipping Point)

OR if Accept At is S

Not Used   FOB07   352   Description   O   AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**DTM** Date/Time Reference	
Position:	570	
Loop:	PO1 Mandatory	
Level:		
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 or DTM03 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			073 Scheduled for Delivery (Prior to and Including)		
Must Use	DTM02	373	**Date**	C	**DT 6/6**
			Date (YYMMDD)		
			Required delivery date.		
Not Used	DTM03	337	**Time**	C	**TM 4/4**
			Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).		
Not Used	DTM04	623	**Time Code**	O	**ID 2/2**
			Code qualifying the time zone.		

Segment:	**LDT** Lead Time	
Position:	580	
Loop:	PO1	Mandatory
Level:		
Usage:	Optional	
Max Use:	12	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:		
Comments:	1	LDT04 is the effective date of lead time information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	LDT01	345	**Lead Time Code**	M	ID 2/2
			Code indicating the time range		
			Always AF		
			AF From date of PO receipt to delivery		
Must Use	LDT02	380	**Quantity**	M	R 1/10
			Numeric value of Quantity. Also see: Unit of Measurement Code (355).		
			Number of Days ADO		
Must Use	LDT03	344	**Unit of Time Period or Interval**	M	ID 2/2
			Code indicating the time period or interval		
			Always DA		
			DA Calendar Days		
Not Used	LDT04	373	**Date**	O	DT 6/6
			Date (YYMMDD)		

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)			
Position:	610			
Loop:	PO1	Mandatory		
Level:				
Usage:	Optional			
Max Use:	12			
Purpose:	To specify the carrier and sequence of routing and provide transit time information			
Syntax Notes:	1	At least one of TD502 TD504 or TD505 is required.		
	2	If TD502 is present, then TD503 is required.		
	3	If TD507 is present, then TD508 is required.		
	4	If TD510 is present, then TD511 is required.		
Semantic Notes:				
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	TD501	133	**Routing Sequence Code**	O	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
Not Used	TD502	66	**Identification Code Qualifier**	C	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	TD503	67	**Identification Code**	C	ID 2/17
			Code identifying a party.		
	TD504	91	**Transportation Method/Type Code**	C	ID 1/2
			Code specifying the method or type of transportation for the shipment		

A	Air	
	Commercial Air Freight	
AC	Air Charter	
	Military Airlift Command (MAC) Channel, Special Assignment Airlift Mission	
AE	Air Express	
	Air, Small Package Carrier	
B	Barge	
	Gov't Watercraft, Barge/Lighter	
BU	Bus	
	Bus	
C	Consolidation	

		Van	
	CE	Customer Pickup / Customer's Expense	
		Bearer, Walk-through (Customer Pickup of Material)	
	D	Parcel Post	
		Air Parcel Post	
	E	Expedited Truck	
		Surface Parcel Post	
	J	Motor	
		Motor, Truckload	
	L	Contract Carrier	
		Scheduled Truck Service	
	LT	Less Than Trailer Load (LTL)	
		Motor, Less Truckload	
	O	Containerized Ocean	
		Seavan	
	P	Pipeline	
		Pipeline	
	Q	Conventional Ocean	
		Through Gov't Bill of Lading	
	R	Rail	
		Rail, Carload	
	S	Ocean	
		Military Sealift Command	
	SR	Supplier Truck	
		Gov't Truck, Outside Local Area	
	T	Best Way (Shippers Option)	
		Local Delivery by Gov't or Commercial Truck	
	U	Private Parcel Service	
		Surface, Small Package Carrier	
	W	Inland Waterway	
		Water, River, Lake, Coastal - CML	
	X	Intermodal (Piggyback)	
		Roll On/Roll Off Service	

Not Used	**TD505**	**387**	**Routing**	**C**	**AN 1/35**

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Not Used	**TD506**	**368**	**Shipment/Order Status Code**	**O**	**ID 2/2**

Code indicating the status of an order or shipment

Not Used	**TD507**	**309**	**Location Qualifier**	**O**	**ID 1/2**

Code identifying type of Location Identifier (310) used.

| **Not Used** | **TD508** | **310** | **Location Identifier** | **C** | **AN 1/25** |

Code which identifies a specific location

| **Not Used** | **TD509** | **731** | **Transit Direction Code** | **O** | **ID 2/2** |

The point of origin and point of direction

| **Not Used** | **TD510** | **732** | **Transit Time Direction Qualifier** | **O** | **ID 2/2** |

Code specifying the value of time used to measure the transit time

| **Not Used** | **TD511** | **733** | **Transit Time** | **C** | **R 1/4** |

The numeric amount of transit time

Segment: **MAN** **Marks and Numbers**

Position:	640
Loop:	PO1 Mandatory
Level:	
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MAN01	88	**Marks and Numbers Qualifier**	M	ID 1/2

Code specifying the application or source of Marks and Numbers (87)

Use of this code indicates "mark for" instructions in addition to the "ship to".

L   Line Item Only

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MAN02	87	**Marks and Numbers**	M	AN 1/45

Marks and numbers used to identify a shipment or parts of a shipment. Also see: Marks and Numbers Qualifier (88).

Additional Marking Line

Segment:	**NTE** Note/Special Instruction	
Position:	645	
Loop:	PO1	Mandatory
Level:		
Usage:	Floating	
Max Use:	100	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Syntax Notes:		
Semantic Notes:		
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	NTE01	363	**Note Reference Code**	O	ID 3/3

Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).

TRA	Transportation

If the Transportation Method Code is being defined in NTE02

Must Use	NTE02	3	**Free Form Message**	M	AN 1/60

Free-form text

This will contain the CLIN number and a literal of the Transportation Method Code.

	Segment:	**N9** Reference Number
	Position:	665
	Loop:	N9 Optional
	Level:	
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
	Syntax Notes:	**1** At least one of N902 or N903 is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

    LI   Line Item Identifier (Seller's)

	N902	127	**Reference Number**	**C AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).

CLIN or SUBCLIN Number

	N903	369	**Free-form Description**	**C AN 1/45**

Free-form descriptive text

Will contain one of these dependent upon the source of the text in the following MSG

"LEAD CLIN DESCRIPTION"
"CLIN FREE TEXT"
"ITEM DESCRIPTION"

The actual text will be in the following MSG Segment(s)

Not Used	N904	373	**Date**	**O DT 6/6**

Date (YYMMDD)

Not Used	N905	337	**Time**	**O TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Segment:	**MSG** Message Text
Position:	667
Loop:	N9 Optional
Level:	
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
			Textual Data Described in N9, 256 Characters per Record		
Not Used	MSG02	934	**Printer Carriage Control Code**	O	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	363	**Note Reference Code**	O	ID 3/3
			Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).		

Segment:	**N1** Name
Position:	670
Loop:	N1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N101	98	**Entity Identifier Code**	M	ID 2/2

Code identifying an organizational entity or a physical location.

MA	Party for whom Item is Ultimately Intended	
ST	Ship To	

	Ref. Des.	Data Element	Name	Attributes	
	N102	93	**Name**	C	AN 1/35

Free-form name

Name from Activity Address File Matching N101 Code

	Ref. Des.	Data Element	Name	Attributes	
	N103	66	**Identification Code Qualifier**	C	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

1	Dun and Bradstreet (Credit Reporting) (DUNS)	
	Establishment Code	
10	Department of Defense Activity Address Code (DODAAC)	
	DoDAAC (UIC)	
92	Assigned by Buyer	
	CAGE Code	

	Ref. Des.	Data Element	Name	Attributes	
	N104	67	**Identification Code**	C	ID 2/17

Code identifying a party.

Code Identified in N103

Segment:	**N2** Additional Name Information	
Position:	680	
Loop:	N1	Optional
Level:		
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N201**	**93**	**Name**	**M**	**AN 1/35**
			Free-form name		
			Line 2 of Activity or Supplier Name/Address		
Not Used	**N202**	**93**	**Name**	**O**	**AN 1/35**
			Free-form name		

Segment: **N3** Address Information
Position: 690
Loop: N1 Optional
Level:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	Address Information	M	AN 1/35
			Free-form field for address information.		
			Line 1 of Activity or Supplier Address		
	N302	166	Address Information	O	AN 1/35
			Free-form field for address information.		
			Line 2 of Activity or Supplier Address		

Segment:	**N4** Geographic Location
Position:	700
Loop:	N1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 At least one of N401 or N405 is required.
	2 If N401 is present, then N402 is required.
	3 If either N405 or N406 is present, then the other is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	19	City Name	C	AN 2/19
		Free-form text for city name		
N402	156	State or Province Code	C	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		When N404 is not "US", enter "XX" to prevent rejection by translation process		
N403	116	Postal Code	O	ID 5/9
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/2
		Code identifying the country		
Not Used N405	309	Location Qualifier	C	ID 1/2
		Code identifying type of Location Identifier (310) used.		
Not Used N406	310	Location Identifier	C	AN 1/25
		Code which identifies a specific location		

	Segment:	**CTT** Transaction Totals
	Position:	790
	Loop:	
	Level:	
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit a hash total for a specific element in the transaction set
	Syntax Notes:	1 If CTT03 is present, then CTT04 is required.
		2 If CTT05 is present, then CTT06 is required.
	Semantic Notes:	
	Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	**M N0 1/6**
			Total number of line items in the transaction set	
			Number of PO1 loops within the transaction set.	
	CTT02	347	**Hash Total**	**O R 1/10**
			Sum of values of the specific data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the leftmost digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three digit field.	
			Total of all PO102 data elements (total qty of CLINs/SUBCLINs, excluding Add-a-CLIN qty)	
Not Used	CTT03	81	**Weight**	**O R 1/8**
			Numeric value of weight. Also see: Weight Qualifier (187), Weight Unit Qualifier (188), Unit of Measurement Code (355.)	
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	**C ID 2/2**
			Code identifying the basic unit of measurement.	
Not Used	CTT05	183	**Volume**	**O R 1/8**
			Value of volumetric measure. Also see: Volume Unit Qualifier (184), Unit of Measurement Code (355.)	
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	**C ID 2/2**
			Code identifying the basic unit of measurement.	
Not Used	CTT07	352	**Description**	**O AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:	**SE** Transaction Set Trailer		

Position: 800
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a Transaction Set. Also see: Data Interchange Control Number (28.)	